

**State of California  
Air Resources Board  
Board Item Summary**

**Item # 23-1-4: Public Meeting to Consider Proposed San Joaquin Valley 70 parts per billion Ozone State Implementation Plan**

**Staff Recommendation:**

Staff recommends the Board adopt the State aggregate emissions reduction commitment in the CARB Staff Report and the 2022 Plan for the 2015 8-Hour Ozone Standard (2022 Ozone Plan) for the San Joaquin Valley (Valley). If adopted, the 2022 Ozone Plan and the State aggregate emission reduction commitment for the Valley will be submitted to the U.S. Environmental Protection Agency (U.S. EPA) for inclusion in the California State Implementation Plan (SIP).

**Discussion:**

The federal Clean Air Act (Act) establishes planning requirements for areas that exceed the health-based national ambient air quality standards (standards). States with areas that exceed the standards must develop and implement a SIP that demonstrates attainment of the standard by a specified date, and meets other requirements of the Act. In 2015, U.S. EPA strengthened the 8-hour ozone standard from 75 parts per billion (ppb) to a more health protective level of 70 ppb. Effective August 3, 2018, U.S. EPA designated the Valley as an Extreme nonattainment area for the 70 ppb ozone standard. Under the Act and applicable U.S. EPA guidance, the San Joaquin Valley Air Pollution Control District (District) must develop a SIP that addresses relevant planning requirements and demonstrates attainment of the 70 ppb ozone standard by 2037. The District and CARB developed the 2022 Ozone Plan to address SIP requirements via an extensive public process which included six workshops between April 2021 and October 2022. The District Governing Board adopted the 2022 Ozone Plan on December 15, 2022.

The 2022 Ozone Plan includes emissions reductions from CARB measures described in the 2022 State Strategy for the State Implementation Plan (2022 State SIP Strategy, adopted by the Board in September 2022) to demonstrate attainment of the 70 ppb standard. While not included in the attainment demonstration, the District included commitments for SIP-strengthening measures. The CARB Staff Report describes the State's proposed commitment to achieve aggregate emissions reductions from State measures specified in the 2022 State SIP Strategy that will achieve the reductions from State sources necessary for attainment of the 70 ppb ozone standard in 2037. CARB is proposing an aggregate commitment of emissions reductions of 25.3 tons per day (tpd) of oxides of nitrogen (NOx) and 4.6 tpd of reactive organic gases (ROG) in the Valley by 2037, with a subset to come specifically from on-road mobile source measures of 7.5 tpd NOx and 1.6 tpd ROG. Together, the

2022 Ozone Plan and State aggregate emission reduction commitment in the CARB Staff Report address requirements of the Act for the Valley for the 70 ppb ozone standard including emission inventories, attainment demonstrations, reasonable further progress (RFP) demonstrations and associated motor vehicle emissions budgets, and contingency measures discussion. Additional requirements as applicable under the 70 ppb ozone standard have already been addressed through separate submittals.

In response to Board direction from the September 2022 hearing, the CARB Staff Report also quantifies expected emission reductions from a pesticide regulation being developed by the California Department of Pesticide Regulation (DPR). The 1,3-Dichloropropene (1,3-D) regulation (Pesticide Measure) was added to the 2022 State SIP Strategy, and will address cancer and acute risk from the use of 1,3-D by shifting to application methods with lower 1,3-D emissions or use other measures to reduce exposure.

### **Summary and Impacts:**

In totality, the CARB Staff Report and the 2022 Ozone Plan address requirements of the Act for the Valley for the 70 ppb ozone standard including emission inventories, attainment demonstrations, RFP demonstrations and associated motor vehicle emissions budgets, and discussion of contingency measures. Additional requirements as applicable under the 70 ppb ozone standard have already been addressed through separate submittals.

As detailed in the CARB Staff Report, CARB staff has reviewed the 2022 Ozone Plan and has concluded that, together with the aggregate emission reduction commitments from the 2022 State SIP Strategy described in the CARB Staff Report, it meets the requirements of the Act for the 70 ppb ozone standard. If adopted, the 2022 Ozone Plan and State aggregate emission reduction commitment in the CARB Staff Report will be submitted to U.S. EPA as a revision to the California SIP.